

Detailed Facility Report

Facility Summary

**GENERAL CHEMICAL
CORPORATION (CLOSED)
6300 PHILADELPHIA PIKE,
CLAYMONT, DE 19703**

FRS (Facility Registry Service) ID:

110001143986

EPA Region: 03

Latitude: 39.803933

Longitude: -75.430356

Locational Data Source: NPDES

Industry:

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Insp (5 Years)	--
Date of Last Inspection	--
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	CWA
Insp (5 Years)	4
Date of Last Inspection	03/17/2020
Current Compliance Status	Significant/Category 1 Noncompliance
Qtrs with NC (of 12)	12
Qtrs with Significant Violation	2
Informal Enforcement Actions (5 years)	1
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	RCRA
Insp (5 Years)	--
Date of Last Inspection	08/07/2001
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	1
Penalties from EPA Cases (5 years)	\$0

Regulatory Information

Clean Air Act (CAA): Permanently Closed Minor (DE0000001000300032)

Clean Water Act (CWA): Minor, Permit Effective (DE0000655)

Resource Conservation and Recovery Act (RCRA): Active (DED154576698)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): 2426211

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): 19703GNRLC6300P

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110001143986					N	39.803933	-75.430356
ICIS		25544					N		
ICIS-Air	CAA	DE0000001000300032	Minor Emissions	Permanently Closed			N	39.808933	-75.345833
EIS	CAA	2426211					N	39.810643	-75.433729
RMP	CAA	10000064404		INACTIVE			N		
SEMS	CERCLA	DEN000305889		NOT ON THE NPL			N		
ICIS-NPDES	CWA	DE0000655	Minor: NPDES Individual Permit	Effective		12/31/2024	N	39.808933	-74.746111
TRI	EP313	19703GNRLC6300P	Toxics Release Inventory	Last Reported for 2004			N	39.81149	-75.43491
RCRAInfo	RCRA	DED154576698	VSQG	Active (H A)			N	39.807778	-75.433889

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110001143986	GENERAL CHEMICAL CORPORATION (CLOSED)	6300 PHILADELPHIA PIKE, CLAYMONT, DE 19703
ICIS		25544	GENERAL CHEMICAL DELAWARE VALLEY WORKS	6300 PHILADELPHIA PIKE, CLAYMONT, DE 19703
ICIS-Air	CAA	DE0000001000300032	GENERAL CHEMICAL CORPORATION (CLOSED)	6300 PHILADELPHIA PIKE, CLAYMONT, DE 197032712
EIS	CAA	2426211	GENERAL CHEMICAL CORPORATION	6300 PHILADELPHIA PIKE, CLAYMONT, DE 19703
RMP	CAA	10000064404	GENERAL CHEMICAL CORPORATION DELAWARE VALLEY WORKS	6300 PHILADELPHIA PIKE, CLAYMONT, DE 19703
SEMS	CERCLA	DEN000305889	GENERAL CHEMICAL	6300 PHILADELPHIA PIKE, CLAYMONT, DE 19703
ICIS-NPDES	CWA	DE0000655	DELAWARE RIVER WORKS (DRAWBRIDGE CLAYMONT)	6300 PHILADELPHIA PIKE, CLAYMONT, DE 19703
TRI	EP313	19703GNRLC6300P	GENERAL CHEMICAL LLC DELAWARE VALLEY WORKS	6300 PHILADELPHIA PIKE, CLAYMONT, DE 19703
RCRAInfo	RCRA	DED154576698	CHEMTRADE SOLUTIONS LLC	6300 PHILADELPHIA PIKE, CLAYMONT, DE 19703

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	19703GNRLC6300P	2819	Industrial Inorganic Chemicals
TRI	19703GNRLC6300P	2869	Industrial Organic Chemicals
ICIS-Air	DE0000001000300032	2819	Industrial Inorganic Chemicals
ICIS-NPDES	DE0000655	2819	Industrial Inorganic Chemicals
NPDES	DE0000655	2819	Industrial Inorganic Chemicals

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RMP	10000064404	325188	All Other Basic Inorganic Chemical Manufacturing
TRI	19703GNRLC6300P	211112	Natural Gas Liquid Extraction
TRI	19703GNRLC6300P	325188	All Other Basic Inorganic Chemical Manufacturing
EIS	2426211	325180	Other Basic Inorganic Chemical Manufacturing
ICIS-Air	DE0000001000300032	211112	Natural Gas Liquid Extraction
RCRAInfo	DED154576698	32518	Other Basic Inorganic Chemical Manufacturing

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	DE0000655	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	03/17/2020	
CWA	DE0000655	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	05/30/2018	
CWA	DE0000655	ICIS-NPDES	Inspection/Evaluation	Base Program - Sampling	State	05/26/2017	
CWA	DE0000655	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	06/24/2016	

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	DE0000001000300032	No	04/10/2021	0	04/09/2021
CWA	DE00000655	Yes	12/31/2020	12	04/09/2021
RCRA	DED154576698	No	04/10/2021	0	04/09/2021

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: DE000000100030032)					04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History															
	Violation Type	Agency	Programs	Pollutants												

[illegible]

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13
CWA	Schedule Event unachieved but reported: Biomonitoring Report	06/30/2017	→	→	→	→	04/16/2019							
CWA	Schedule Event unachieved but reported: Monitoring Report	12/31/2017	04/05/2018											
CWA	Schedule Event unachieved but reported: Sampling and Analysis	12/31/2017	04/05/2018											
	Late or Missing Discharge Monitoring Report (DMR) Measurements													
	Counts of Missing DMR Measurements											54	54	

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: DED154576698)	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICIS-NPDES	DE0000655	Base Program - Letter of Violation/ Warning Letter	State	06/26/2017

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	SEP Cost	Comp Action Cost
RCRA	ICIS	3008H	ICIS/25544	Administrative - Formal	03-2016-0232	EPA	EMERSUB 16, LLC (CHEMTRADE SOLUTIONS LLC AND DRAWBRIDGE CLAYMONT LLC)	09/30/2016	1	09/30/2016	\$0	\$0	\$0	\$0

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
020402020608	Oldmans Creek-Delaware River	DELAWARE RIVER	No	No	DDT/DDD/DDE, sum of p,p' & o,p' isomers	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
DE	2018	DEDRBCZone5	DRBC Zone 5	Impaired - 303(d) Listed - With Restoration Plan	DIOXINS PESTICIDES POLYCHLORINATED BIPHENYLS (PCBS)		Not Supporting		Fully Supporting	
DE	2018	DE230-001-01	Lower Naamans Creek	Impaired - With Restoration Plan	PATHOGENS		Fully Supporting		Not Supporting	

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	Yes	1-Hour Ozone (1979); 8-Hour Ozone (2008)	No	
Lead	No		No	
Particulate Matter	No		Yes	PM-2.5 (1997); PM-2.5 (2006)

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Carbon Monoxide	No		No	
Sulfur Dioxide	No		No	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	60.5
Ozone NATA Diesel PM	60.4
NATA Air Toxics Cancer Risk	60.4
NATA Respiratory Hazard Index (HI)	60.2
Traffic Proximity	71
Lead Paint Indicator	69.4
Superfund Proximity	67.5
Risk Management Plan (RMP) Proximity	71.3
Hazardous Waste Proximity	65.8
Wastewater Discharge Proximity	97.1

Number of EJ Indexes Above 80th Percentile
1

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons	45,422
Population Density	2,224/sq.mi.
Percent Minority	34%
Households in Area	18,204
Housing Units in Area	19,950
Households on Public Assistance	627
Persons Below Poverty Level	12,944

Geography	
Radius of Selected Area	3 mi.
Center Latitude	39.803933
Center Longitude	-75.430356
Land Area	72%
Water Area	28%

Income Breakdown - Households (%)	
Less than \$15,000	2,130 (11.84%)
\$15,000 - \$25,000	1,790 (9.95%)
\$25,000 - \$50,000	4,476 (24.87%)
\$50,000 - \$75,000	3,976 (22.1%)
Greater than \$75,000	5,622 (31.24%)

Age Breakdown - Persons (%)	
Children 5 years and younger	3,030 (7%)
Minors 17 years and younger	10,717 (24%)
Adults 18 years and older	34,705 (76%)
Seniors 65 years and older	5,656 (12%)

Race Breakdown - Persons (%)	
White	31,054 (68%)
African-American	10,917 (24%)
Hispanic-Origin	2,335 (5%)
Asian/Pacific Islander	1,435 (3%)
American Indian	149 (0%)
Other/Multiracial	1,866 (4%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	1,018 (3.36%)
9th through 12th Grade	2,584 (8.53%)
High School Diploma	12,167 (40.17%)
Some College/2-year	7,597 (25.08%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	6,921 (22.85%)